

SOLOV'YEVA, R. P.

"Venous Pressure in Children Suffering from Dysentery." Vop. Ped. 1. Okhran. Mater.  
1. Det., 16, No. 1, 1948. Mbr., Clinic, Children's Diseases, Therapeutic Faculty,  
Khar'kov Med. Inst., -c1948-.

**TETS, G.I.; SOLOV'YEVA, R.P.**

Further investigation on the sanasine therapy of infantile dyspepsia and dysentery. Vopr. pediat. 19 no.2:35-38 1961. (CIAM 20:8)

1. Prof. G.I. Tets; Assistant R.P. Solov'yeva. 2. Of the Children's Clinic (Head—Prof. G.I. Tets) of the Therapeutic Faculty of Khar'kov Medical Institute (Director—Docent I.F. Kononenko).

ACC NR: AT6032746

SOURCE CODE: UR/0000/66/000/000/0166/0177

AUTHOR: Kravets, V. V.; Myachkin, V. I.; Solov'yeva, R. P.

ORG: none

TITLE: Ultrasonic pulse investigations in the Krivoy Rog iron mines

SOURCE: AN SSSR. Institut fiziki Zemli. Geoakustika; ispol'zovaniye zvuka i ul'trazvuka v seysmologii, seysmorazvedke i gornom dele (Geoacoustics; the use of sound and ultrasound in seismology, seismic prospecting, and mining). Moscow, Izd-vo Nauka, 1966, 166-177

TOPIC TAGS: ultrasonic logging, acoustic logging, elastic wave propagation, seismic wave propagation, *ultrasonic inspection, elastic wave, seismic instrument*

ABSTRACT: The results of the first attempts by the Institute of Physics of the Earth of the Academy of Sciences USSR and the Institute of Geophysics of the UkrSSR to use the ultrasonic pulse method in iron mines of the Krivoy Rog basin are described. Experiments were conducted to determine the physicomachanical parameters and the ore and the surrounding rock, to establish the dependence of elastic-wave velocity on the pressure in the ore blocks, and to test the method of observing changes in the state of the ore block during operations. The OP-55 mine seismoscope, the IKL-5 device, piezoelectric transducers, and the transport-

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ACC NR: AT6032746

able. IPA device were used in the tests. As a result of the tests, this method of determining elastic wave velocities in ore blocks as well as studying their dependence on external loading was further developed. Data was obtained on elastic-wave velocities in the ores and enclosing rocks, and the nature of velocity change near the walls of excavated surfaces was established. The power distribution characteristics of an explosion in the mine were analyzed. Orig. art. has 10 figures.

SUB CODE: 0820/SUBM DATE: 28Mar66/ ORIG REF: 006/ OTH REF: 002

Card 2/2

TETS, G.I. [Tets, H.I.], prof.; SOLOV'YEVA, R.P. [Solovyova, R.P.], dotsent

Influence of tonsillitis on the course of Rheumatic fever. Ped.,  
akush., i gin. 23 no.4:7-11 '61. (MIRA 17:1)

1. Kafedra detskikh bolezney vrachebnogo fakul'teta (zav. - prof.  
G.I.Tets [Tets, H.I.]) Khar'kovskogo meditsinskogo instituta (di-  
rektor - dotsent B.Ya.Zadorozhnyy [Zadorozhnyi, B.IA.]) na baze  
detskoy dorozhnoy bol'nitsy (nachal'nik A.I.Kovalneko).

L 10491-65 EWT(1)/EWA(1)  
ACCESSION NR: AT4047629

Pat GG/MLK

S/0000/64/000/000/0339/C376

AUTHOR: Solov'yeva, S. F.; Sigachev, I. I.; Surkova, N. A.; Kogteva, Ye. V.

TITLE: Relay-and-microswitch-type contacts for small-signal switching 25

SOURCE: Vsesoyuznoye soveshchaniye po elektricheskim kontaktam i kontaktny\*m materialam. 3d, Moscow, 1962. Elektricheskiye kontakty\* (Electric contacts); trudy\* soveshchaniya. Moscow, Izd-vo Energiya, 1964, 339-376

TOPIC TAGS: small signal switching, small signal contact, microswitch contact, relay contact

ABSTRACT: An investigation of the effect of films on contact surfaces is presented. Two designs of contacts were studied: (1) Air-exposed contacts and (2) Sealed-in-plastic-container contacts. The "effect of long storage" was studied by subjecting the contacts to a 10-15-mlit/min flow of  $H_2S$ , concentration 3 mg/liter, at  $25 \pm 3C$ ,  $95 \pm 3\%$  humidity, for 48 hrs; Ag, Au, Pt, Pd, and

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ACCESSION NR: AT4047629

their alloys with Ni, Zr, Rh, were tested as contact materials. "Methods of investigating the electrophysical characteristics of surface films formed on contact materials" included measuring the resistance, by voltmeter and ammeter, of a contact between the plate specimen and a sphere made from Pt+25% Ir alloy; the test plate was placed in a PMT-3 microhardness tester whose diamond indenter was replaced with the above sphere; a contact pressure of 0.5--200 g was applied; open-circuit voltage was 50 mv; current,  $10^{-6}$  --  $10^{-4}$  amp. "Contact resistance" was determined as a function of (a) pressure and (b) current; results in the form of curves and tables are reported. It was found that: (1) Only those alloys based on Au and Pt are fit for operation in a modern industrial-center atmosphere that contains  $H_2S$ ; (2) The best of them proved to be Au+16% Pd; (3) Also, Au+5% Ni and Au+3% Zr deserve the attention of further studies; (4) Of the Pt alloys, Pt+10% Rh can be recommended; however, its contact resistance was found to be nearly 4 times as high as that of Au+16% Pd after the test; (5) Ag and its alloys are unfit for use in exposed-contact designs. The "effect of organic volatile substances on contacts in sealed designs" was

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ACCESSION NR: AT4047629

studied by placing both the plastic and contact material in a sealed envelope and subjecting it to thermal aging. Plastics AG-4S at 175C, K-211-3 and RST at 150C, and teflon at 250C were aged for 178 hrs. Dark spots were discovered on the metal after the aging test; the spots were due to the metal surface sorption of the volatile substances produced by the plastic materials. The spots on some of the metals and alloys offered a contact resistance up to tens of megohms. Silver and Au+ 3% Zr, combined with any of the above plastics, showed a contact resistance of about a few tenths of an ohm; these metals are recommended for sealed-contact designs. Orig. art. has: 41 figures, 4 formulas, and 3 tables.

ASSOCIATION: none

SUBMITTED: 13Jul64

SUB CODE: EC, DP

ENCL: 00

OTHER: 002

NO REF SOV: 005

Card 3/3



GOLDSHTEYN, R.I.; ZEL'KIND, Ye.M.; TSEVTLIN, S.I.; CHEKULAYEVA.  
Yu.I.; KUROVA, E.A., ved. red.; SOLOV'YEVA, S.S., ved.  
red.

[Petroleum refining abroad; a statistical and economic  
collection] Neftepererabotka za rubezhom; statistiko-  
ekonomicheskii sbornik. Moskva, TsNIIITEIneftegaz, 1963.  
112 p. (MIRA 17:12)

1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut  
informatsii i tekhniko-ekonomicheskikh issledovaniy po nef-  
tyanoy i gazovoy promyshlennosti.

KHALAIM, A.F.; SOLOV'YEVA, S.V.

Making full use of production resources. Spirt. prom. 25 no.5:36-37  
'59. (MIRA 12:10)

(Distilling industries)

SOLOV'YEVA, S.V.

Colorimetric method for determining unfermented carbohydrates in  
fermented beer. Fern. i spirt. prom. 31 no. 1:38-39 '65. (MIRA 18:5)

1. Lipetskiy spirtovod.

SOIOV'YEVA, S.V.; MERKUL'TSEVA, V.F.

Accelerated determination of moisture in green malt. Spirt. prom.  
27 no.6:20-21 '61. (MIRA 14:9)  
(Malt)

S/081/62/000/006/035/117  
B102/B101

AUTHORS: Shaykind, S. P., Solov'yeva, S. V., Smiryagina, S. A.  
TITLE: Polarographic determination of uranium and the use of its catalytic effect upon the nitrate-ion wave for these purposes  
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 132, abstract 6D104 (Tr. Leningr. tekhnol. in-ta im. Lensovet, no. 55, 1961, 172)

TEXT: The possibility of a polarographic U determination on chloride, nitrate, and carbonate backgrounds is considered, and a method is proposed to determine trace amounts of U. It is based on the catalytic action of U upon the polarographic wave of  $\text{NO}_3^-$ . One drop of  $\text{KNO}_3$  solution ( $1 \cdot 10^{-3}$  g/ml) and 2 drops of 0.5% gelatin solution are added to the solution to be analyzed which is 0.1 N with respect to KCl and 0.01 N with respect to HCl and contains  $2.5 \cdot 10^{-6}$  g/ml U. Then,  $\text{N}_2$  (or  $\text{H}_2$ ) is passed through, and the polarogram is taken. [Abstracter's note: Complete translation.]

Card 1/1

GRICHAYNA, E. A.

Sewage - purification

Conference on the control of loss of fibers and on sewage purification in the pulp and paper industry. Sig. 1 sen. no. 3, 1952.

9. MONTHLY LIST OF RUSSIAN ACQUISITIONS, Library of Congress, August 1952. Uncl.

1. SCLOV'YEVA, T. A.
2. USSR (600)
4. Water - Pollution
7. Bathing as cause of the contamination of water. Gig. i san. No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

2826 Solov'yeva, T. A.

Izmenenie Svystv dizenteriyogo bakteriofaga putem vosпитaniya na kul'turakh s razlichnyimi soderzheniyami polnogo antitizena. Molotov, 1954. 11s. 20 sm.  
(Molotovskii nauch. - issled. in-t vaktsin i syvorotok M-ya zdoravookhraneniya SSSR). 100 Ecz. B. Ts. -- (54-58106)



Country : USSR  
Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103482

Author : Solov'yova, T. A.

Inst : -

Title : Change in the Properties of Bacteriophage by Means of  
Culturing it With Different Concentrations of Complete  
Antigen.

Orig Pub: Sb. Bakteriofagiya, Tbilisi, Gruzmedgiz, 1957, 123-  
133.

Abstract: Dysentery phages multiplied on cultures of Flexner  
serotype II, which was divided into three groups in  
accordance with the content of complete antigen.  
Group I had an antigen content of 0.5-2.4 o/o of the  
weight of the bacterial mass; group II, 5.7-6.9 o/o;

Card : 1/2

SOLOV'YEVA, T.A.

Pertussoid monovaccine as an antigen for diagnostic reactions.  
Lab.delo 7 no.11:21-23 N '61. (MIRA 14:10)

1. Laboratoriya koklyushnoy vaksiny i epidemiologicheskoy otdel  
Permskogo instituta vaksiny in syvorotok.  
(WHOOPIING COUGH) (VACCINES)

GINODMAN, L.M.; NESTEROVA, A.P.; OBEKHOVICH, V.N.; SAVOSHCHENKO, I.M.;  
SOLDV'YEVA, T.A.

Chromatographic study of the gastric juice in chronic gastritis  
and peptic ulcer. Vop. med. khim. 10 no.6:604-610 N-D '64.  
(MIRA 19:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Institut  
pitaniya AMN SSSR, Moskva.

GINODMAN, L.M.; SOLOV'IEVA, T.A.

Determination of pepsin and gastroxine in the gastric juice in man.  
Vop. med. khim. 11 no.2:87-89 Mr-Apr '65.

(MIRA 18:10)

1. Institut khimii prirodnikh soedineniy AN SSSR i Institut pitaniya  
AMN SSSR, Moskva.

SHURAKOV, F.V., kand. sel'khoz. nauk; MOSKALENKO, K.M., tekhnik;  
MOSTOLOVITSA, K.Yu., tekhnik; IONOVA, M.A., kand. sel'khoz.  
nauk; TOLKACHEV, V.P., nauchn. sotr.; GILLOV, G.K., tekhnik;  
SOLOV'YEVA, T.F., tekhnik; ZHILYAKOVA, O., red.izd-va;  
GLIKMAN, N., red. izd-va; ISUFOVA, N., tekhn. red.

[Catalog of fruit crop varieties of the All-Union Scientific  
Research Institute of Plant Growing in the Crimea] Katalog  
sortov plodovykh kul'tur Vsesoiuznogo nauchno-issledovatel'-  
skogo instituta rastenievodstva v Krymu. Simferopol',  
Krymizdat, 1960. 230 p. (MIRA 17:1)

1. Leningrad. Vsesoyuznyy institut rasteniyevodstva. Krym-  
skiy pomologicheskii rassadnik.  
(Crimea--Fruit--Varieties)

OVODOV, Yu.S.; OVODOVA, R.G.; SOLOV'YEVA, T.F.; YEL'YAKOV, G.B.; KUCHENOV, N.K.

Glycosides from *Eleutherococcus senticosus* Max. Part 1: Isolation  
and some properties of eleutherosides B and E. *Khim.prirod.soed.*  
1:3-7 '65. (MIRA 18:6)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR i Institut  
khimii prirodnikh soyedineniy AN SSSR.

SOLOV'YENIA, T.G

Inst. Sci. Research on Blood Transfusion, Leningrad Order Red Labor (1944)

"The pure ischeroagglutinins"

Zhur. Mikrobiol., Epidemiol., i Immunobiol., No. 12, 1944.

SOLOV'YEVA, T. G.

USSR/Medicine - Blood Transfusion  
Medicine - Agglutinins and Agglutination

Jan 48

"Panagglutination in Blood Transfusion," T. G.  
Solov'yeva, Serum Sec, Leningrad Inst of Blood Trans-  
fusion, 3 pp

"Vest Khirurgii" Vol LXVIII, No 1

Explains meaning of panagglutination, and quotes  
figures showing its occurrence in the various blood  
groups. Discusses problem of disappearance on  
standing and on heating. Describes cases of success-  
ful transfusion from donor whose blood displayed  
panagglutinative properties.

4/49T60



SOLOV'YEVA, T. G.

Children - Diseases

Rh factor and its significance in obstetrics and pediatrics. Reviewed by  
G. I. Zay'seva. Vop. pediat. i okhr. mat. i det. 20 no. 1 (1952)

Monthly List of Russian Accessions. Library of Congress, August 1952 UNCLASSIFIED

SOLOVYEVA, T. G.

USSR/Medicine - Hematology

Aug 52

"Treatment of Severe Reactions Caused by Transfusion of Rhesus Incompatible Blood, by Means of Repeated Injections of Rhesus-Negative Blood," T. G. Solovyeva, C. I. Rabinovich, Leningrad, Therapeutic Clinic and Serol Lab, Leningrad Order of the Labor Red Banner Sci Res Inst of Blood Transfusion

"Klin Med" Vol 30, No 8, pp 86, 87

Suggests blood typing for Rh factor as a mandatory pretransfusion procedure. Describes

231716

delayed posttransfusion reaction caused by incompatibility of Rh factor. Recommends, in cases of severe reaction, bleeding the patient and repeated transfusions of Rh-neg blood.

231716

SOLOV'YAN, T.G., starshiy nauchnyy sotrudnik

Inheritance of blood groups in man. Akt.vop.perel.krovi no.4:107-111  
'55. (MIRA 13:1)

1. Syvorotochnaya laboratoriya Leningradskogo instituta perelivaniya  
krovi. (BLOOD GROUPS)

KISELEV, A.Ye., dots.: SOLOV'YEVA, T.G., starshiy nauchnyy sotrudnik;  
CHERNOMORDIK, B.L., kand.med.nauk

Further observations on the treatment of hemolytic disease of the  
newborn by exchange blood transfusion. Akt.vop.perel.krovi no.4:  
121-123 '55. (MIRA 13:1)  
(ERYTHROBLASTOSIS FETALIS) (BLOOD--TRANSFUSION)

ROZHDESTVENSKAYA, M.A., starshiy nauchnyy sotrudnik; SOLOV'YEVA, T.G., starshiy nauchnyy sotrudnik

Colloid-chemical properties of blood serum and isohemagglutinin. Akt.  
vop.perel.krovi no.4:96-98 '55. (MIRA 13:1)

1. Fiziko-khimicheskaya laboratoriya (zav. laboratoriyey - prof. A.P. Vishnyakov) i syvorotochnaya laboratoriya (starshiy nauchnyy sotrudnik - T.G. Solov'yeva) Leningradskogo instituta perelivaniya krovi.  
(BLOOD--AGGLUTINATION)

U.S.S.R. / Human and Animal Physiology. Blood.

T

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22088.

Author : Solovyeva, T. G.

Inst : Not given.

Title : Preparation of Typing Antirhesus Sera and  
Their Practical Application.

Orig Pub: Probl. Gematol. i perelivaniya Krovi (Prob-  
lems of hematology and Circulation). 1956,  
1 No 2, 40-43.

Abstract: In Rh immunization, during pregnancy or fol-  
lowing blood transfusion one has to consider  
the types of Rh factor, the determination of  
which requires Anti-Rh<sup>0</sup>, Anti-Rh<sup>1</sup> and Anti-  
Rh<sup>11</sup> Sera. sera Anti-Rh<sup>0</sup> are present more

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EXCERPTA MEDICA Sec.4 Vol.11/4 Med.Microb. etc. April 56

1076. PREPARATION OF TYPED ANTI-RHESUS SERA AND THEIR PRACTICAL SIGNIFICANCE (Russian text) - Soloveva T. G. Inst. of Blood Transf., Leningrad - PROBL. GEMATOL. PEREL. KROVI 1956, 1/2 (40-42) Tables 2  
In rhesus-immunization of women during pregnancy or after blood-transfusion the types of rhesus factor are important. For determination of the types of rhesus factor, anti-Rh, anti-Rh' and anti-Rh'' serum is required. Anti-Rh sera are met much more frequently than the other types of serum. When selecting donors with rhesus-negative blood it is necessary to use standard anti-rhesus sera and to consider as being rhesus-negative only such blood as is devoid of every type of rhesus factor. Not only rhesus-negative persons but also others with various types of rhesus factor can be given rhesus-negative immunization. References 14.

Krymskii - Moscow (S)

SOLOV'YEVA, T.G.

[Rh factor in laboratory and clinical practice; a practical manual]  
Rezus-faktor v laboratornoi i klinicheskoi praktike; metodicheskoe  
posobie. Leningrad, Medgiz, 1957. 78 p. (MIRA 11:2)  
(RH FACTOR)



SOLOV'YEVA, T.G., doktor med.nauk (Leningrad, 24, Teleshnaya ul., d.26/28  
Kv.29)

Posttransfusion reactions in Rh incompatibility [with summary in English]  
Vest.khir. 81 no.8:10-15 Ag '58 (MIRA 11:9)

1. Iz serologicheskoy laboratorii Leningradskogo instituta perelivaniya  
krovi (dir. - dots. A.D. Belyakov, nauchn.rukovod. - prof. A.N. Filatov).

(RH FACTOR,  
incompatibility in blood transfusion causing reaction  
(Rus))

(BLOOD TRANSFUSION, compl.  
reaction by Rh incompatibility (Rus))

EXCERPTA MEDICA Sec 4 Vol 12/9 Med. Micro. Sept 59

2992. POSTTRANSFUSION REACTIONS FROM INCOMPATIBILITY OF RHESUS FACTOR (Russian text) - Solovyeva T. G. - VESTN. KHIR. 1958. 81-8 (10-15) Tables 2

An assessment is made of the treatment in different Leningrad medical centres of 30 in-patients who had had severe post-transfusion courses owing to Rh-incompatibility. The male patients became sensitized to the Rh factor by previous transfusions. The policy of partly substitutive blood transfusion consisting in withdrawal of 300-400 ml. of blood and injection of 400-500 ml. of Rh-negative blood of the patient's blood group or zero group is advocated. Out of 17 patients thus treated, 14 recovered. Out of 13 patients treated by the routine symptomatic method only 6 recovered. (IV, 6)

SOLOV'YEVA, T.G.

Erythroblastosis fetalis caused by immunization of the mother  
with a rare type of fetal Rh factor. *Pediatrics* 36 no.6:90-91  
Ja '58 (MIRA 11:6)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta  
perelivaniya krovi.  
(ERYTHROBLASTOSIS FETALIS)

SOLOV'YEVA, T.G.; DROBYSHOVA, N.S.

Significance of Coomb's reaction in hemolytic disease of newborns.  
Probl. gemat. i perel. krovi 4 no.6:23-26 Je '59 (MIRA 12:8)

1. Iz izoserologicheskoy laboratorii (zav. - doktor med. nauk T.G. Solov'yeva) Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. - dots. A.D. Bulyakov, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A. N. Filatov).

(ERYTHROBLASTOSIS, FETAL, diag.  
Coomb's reaction (Rus))

SOLOV'YEVA, T.G.; VASIL'YEVA, Z.F.

Production of an antiglobulin precipitating serum. Zhur. mikrobiol.  
epid. i immun. 31 no. 5:76-78 My '60. (MIRA 13:10)

1. Iz Leningradskogo instituta perelivaniya krovi.  
(SERUM) (GLOBULIN)

SOLOV'YEVA, T.G., doktor med.nauk

Obtaining a rare isoimmune serum from the blood of a puerpera.  
Probl.gemat.i perel.krovi no.6:55-57 '61. (MIRA 14:10)

1. Iz izoserologicheskoy laboratorii (zav. - doktor med.nauk  
T.G. Solov'yeva) Leningradskogo nauchno-issledovatel'skogo instituta  
perelivaniya krovi (dir. - dotsent A.D. Belyakov, nauchnyy rukovo-  
ditel' - chlen-korrespondent AMN SSSR prof. A.N. Filatov).  
(SERUM) (RH FACTOR)

SOLOV'YEVA, Tamara Gavrilovna, prof.; SARKISOV, M.A., red.;  
LEBEDEVA, Z.V., tekhn. red.

[Rhesus factor and its significance in clinical practice]  
Rezus-faktor i ego znachenie v klinicheskoi praktike. Izd.2.,  
Leningrad, Medgiz, 1963. 85 p. (MIRA 16:6)  
(RH FACTOR)

AL'PERIN, P.M., prof.; SKACHILOVA, N.N.; SOLOV'Yeva, T.I.

Effect of blood transfusions on cardiovascular activity in various myocardial diseases. Probl. gemat. i perel. krovi. (MIRA 18:10)  
no.3:37-42 '65.

Gemoterapevticheskaya klinika (zav. -- prof. P.M.Al'perin)  
Tsentral'nyy nauchnoy ordena Lenina instituta gematologii i perelivaniya  
krovi (direktor -- dotsent A.Ye.Kiselev) Ministerstva zdavookh-  
raneniya SSSR, Moskva.



SOLOV'YEVA, T. M.

Solov'yeva, T. M.

"Raising young Ala-Tau animals on various types and quantities of fodder." Kirgiz Agricultural Institute K. I. Skryabin. Frunze, 1955. (Dissertation for the degree of Candidate in Agricultural Sciences)

Knizhnaya letopis  
No. 11, 1956. Moscow

2-2

USSR/Form Animals - Cattle.

Abstract : This report is a summary of the results of the first phase of the study. The study was conducted in the form of a series of interviews with the participants. The results of the study are presented in the form of a series of tables and graphs. The study was conducted in the form of a series of interviews with the participants. The results of the study are presented in the form of a series of tables and graphs.

Author : G. Novikova, I.L.

Author : W. H. Jones, F.R.S.  
Inst : King's Scientific Research Institute of Animal Husbandry and Veterinary Medicine.

Title : Rearing Young Stock on an Alaskan Breed with Various  
Types and Levels of Nutrition.

Orig Pub : 2nd. Manchuro-Japan. Inform. Kamp. A.-I. Ina. Shimbun-sha-  
Jitsu J. Koterikami, 1950, No. 1(2), 32-34.

Animals : First-born calves reared on feeds based on large amounts of roughage yielded during the 288 days of first lactation 1,652.6 kg of milk with a fat content of 3.82%, while the animals reared on feeds based on concentrates yielded during the 296 days of lactation 1,441.9 kg of milk with a fat content of 3.74%.

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MEL'NIK, Daniil Mikhaylovich; BARYKIN, Fedor Diamidovich;  
NEDASHKOVSKIY, Forfiry Pavlovich; SOLOV'Yeva, T.P.,  
red.

[Snow removal machinery with brush rotors] Snegouborshekiki  
so shchetochnymi rotorami. Moskva, Transport, 1965. 46 p.  
(MIRA 18:5)

RODOV, Grigoriy Semenovich, kand. tekhn.nauk; VEKSMAN, Abram  
Moiseyevich; SOLOV'YEVA, T.P., inzh., red.

[Flat ventilated roofs of corrugated mesh-reinforced  
concrete] Ploskaya ventiliruemaya krysha s vonistym armo-  
tsementnym pokrytiem; opyt Upravleniya "Sibakademstroy" i  
Zapadno-Sibirskogo filiala Akademii stroitel'stva i arkhitektury SSSR. Moskva, Gosstroizdat, 1963. 16 p.

(MIRA 16:9)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut  
organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi  
stroitel'stvu. 2. Rukovoditel' laboratorii betona i shele-  
zobetona Zapadno-Sibirskogo filiala Akademii stroitel'stva i  
arkhitektury SSSR (for Rodov). 3. Glavnyy inzhener Upravle-  
niya "Sibakademstroy" (for Veksman).  
(Roofing, Concrete)

CHUMADOV, Lev Nikolayevich; SOLOV'YEVA, T.P., inzh., red.

[Conveyor line with chamberless thermal curing of the surfaces of reinforced concrete products; practices of the No.1 Polyustrovo Housing Construction Combine of the Main Administration for Construction in Leningrad] Konveiernaia liniia s beskamernoi termootrabotkoi ploskikh zhelezobetonnykh izdelii; opyt Poliustrovskogo domostroitel'nogo kombinata No.1 Glavleningradstroia. Moskva, Gosstroizdat, 1962. 16 p. (MIRA 17:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Nachal'nik konstruktorskogo otдела Polyustrovskogo domostroitel'nogo kombinata No.1 Glavnogo Leningradskogo upravleniya po zhitishchnomu i grazhdanskomu stroitel'stvu (for Chumadov).

VLASOV, Nikolay Ivanovich, inzh.; SOLOV'YEVA, T.I., inzh., red.

[Construction of an experimental large-panel school building; work experience of the Central Scientific Research Institute of the Experimental Planning of Housing Construction of the Academy of the Construction and Architecture of the U.S.S.R.; concrete of the Glavmosoblstroimaterialov, and the "Mosoblstroy-1" Trust] Stroitel'stvo eksperimental'nogo zdaniia shkoly iz krupnykh panelei; opyt TsNIIEP zhitishcha ASIA SSSR, KB po zhelezobetonu Glavmosoblstroimaterialov i tresta "Mosoblstroy-1." Moskva, Gosstroizdat, 1963. 22 p. (MIRA 17:7)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Glavnyy tekhnolog tresta "Mosoblstroy-1" (for Vlasov).

OVCHINNIKOV, Boris Dmitriyevich; MORZOVA, Tamara Viktorovna;  
MAZNEEL'D, Mikhail Davydovich; KABITSKIY, Boris  
Lazarevich; FILIPPOVA, L.S., red.; SOLOV'YEVA, T.P.,  
red.

[Use of new polymeric materials in insulating rail joints  
and switches] Primeneniye novykh polimernykh materialov v  
izoliruyushchikh stykakh i strelochnykh perevozhakh. Mo-  
skva, Izd-vo "Transport," 1964. 25 p. (HIRA 17:9)

BELOV, Aleksey Vasil'yevich, Kon. i. inzh.-mest. nauk, 0112.1  
BELOV'YEVA, L.I., 1911.

[Brief information on cartographic projections and  
fundamentals of the plotting of state control nets; text-  
book on surveying for students specializing in construc-  
tion and the operation of railroads] Kratkie svedeniya o  
kartograficheskikh proektirovaniyakh i osnovakh postroyeniya go-  
сударstvennykh opornykh setey; uchebnoye posobie po geode-  
zii dlya studentov spetsial'nostey: IZh, PT, G, VA, RS.  
Moskva, Vses. nauchnyi in-t inzhenerov zhелеzn. transp.,  
1963. 37 p. (RKA 17:10)

1. Khazarovskiy institut inzhenerov zhелеznodorozhnogo  
transporta (for Beisgalov).



BERDYUK, G.F., kand. tekhn. nauk, nauchn. sotr., red.;  
SOLZV'YSEVA, T.F., red.

[Controlling the heavings of railroads and roads; transactions of a conference held at Novosibirsk in October 1963]  
Bor'ba s puchinami na zheleznykh i avtomobil'nykh dorogakh;  
trudy soveshchaniia, provedennogo v g. Novosibirske v  
oktiabre 1963 g. Moskva, Transport, 1965. 214 p.  
(MIRA 18:4)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.  
Komitet po zemlyanomu polotnu. 2. Sibirskiy nauchno-issledovatel'skiy institut energetiki (for Berdyuk).

SOLOV'YEVA, T.P.; SHILYAYEVA, T.I.

Glycoproteins in the blood serum in patients with infectious non-specific polyarthrits. Vop.med.khim. 6 no.5:536-540 8-0 '60.  
(MIRA 14:1)

1. Biochemical Laboratory, Institute of Balneology, Sochi.  
(ARTHRITIS, RHEUMATOID) (GLYCOPROTEINS)

TIKHONRAVOV, V.A.; ORZHESHKOVSKIY, V.V.; SOLOV'YEVA, T.P.; SHILIAYEVA, T.I.

Protein formula of blood serum in patients with infectious nonspecific  
polyarthritis and its changes during therapy. Terap. arkh. 32  
no. 4:49-53 S '60. (MIRA 14:1)

(ARTHRITIS, RHEUMATOID) (BLOOD PROTEINS)

TIKHONRAVOV, V.A.; SOLOV'YEVA, T.P.; FILINOV, B.N.; TSVERIANISHVILI,  
G.K.

Glycoproteins of the blood serum in rheumatic fever. Vop.  
revm. 1 no.3:60-64 J1-S '61. (MIRA 16:4)

1. Iz biokhimicheskoy laboratorii (zav. - dotsent V.A.  
Tikhonravov, konsul'tant - prof. I.A.Oyvin) Instituta  
kurortologii (dir. - zasluzhennyy deyatel' nauki prof. M.M.  
Shikhov), Sochi.

(RHEUMATIC FEVER) (GLYCOPROTEINS)

SOLOV'YEVA, T.P.

Determining the glucoproteins in blood serum by its reaction with  
tryptophan. Lab.delo 7 no.11:33-36 N '61. (MIRA 14:10)

1. Biokhimicheskaya laboratoriya Sochinskogo instituta kurorto-  
logii.

(BLOOD PROTEINS)

(TRYPTOPHAN)

TIKHONRAVOV, V.A.; SOLOV'YEVA, T.P.; TSVERIANISHVILI, G.K.; FILINOV, B.N.

Change in the glucoseamine content and indicators of the  
diphenylamine reaction in the serum of patients with rheumatic  
fever during treatment. Vrach. dolo 4:55-58 Ap '62. (MIRA 15:5)

1. Kliniko-biokhimicheskaya laboratoriya (zav. - dotsent V.A.  
~~Tikhon~~rahovova, konsul'tant - prof. I.A. ~~Ovin~~) Sochinskogo instituta  
kurortologii.

(GLUCOSEAMINES) (DIPHENYLAMINE) (SERUM)  
(RHEUMATIC FEVER)

TIKHONRAVOV, V.A.; SOLOV'YEVA, T.P.

Serum mucoproteins in rheumatic fever and infectious nonspecific polyarthritis and their dynamics during treatment. Vop. revm. 2 no.2:8-13 Ap-Je'62 (MIRA 17:3)

1. Iz biokhimicheskoy laboratorii (zav. - dotsent V.A. Tikhonravov) Sochinskogo instituta kurortologii (dir. - zasluzhennyy deyatel' nauki prof. M.M. Shikhov).

TIKHONRAVOV, V. A.; SOLOV'YEVA, T. P.; VLADIMIROVA, Z. Ya.;  
SHILYAYEVA, T. I. (Sochi)

Urinary excretion of 17-ketosteroids in rheumatism and infectious  
nonspecific polyarthritis during treatment with cortisone, ACTH,  
pyrazolidine and salicylates. Probl. endok. i gorm. 8 no. 3:  
82-86 My-Je '62. (MIRA 15:6)

1. Iz biokhimicheskoy laboratorii (zav. - dotsent V. A. Tikhon-  
ravov), kliniki aktivnogo revmatizma i kliniki revmatoidnykh  
artritov (zav. - prof. M. M. Shikhov) Sochinskogo instituta  
rvmatizma.

(RHEUMATIC FEVER) (ARTHRITIS, RHEUMATOID)  
(STEROIDS) (CHEMOTHERAPY)



VIKTOROV, I.I., kand. tekhn. nauk, red.; SOLOV'YEVA, T.F., red.

[Problems in the construction and maintenance of fills over swamps] Voprosy sooruzheniia i ekspluatatsii nasypei na bolotakh. Moskva, Transport, 1965. 159 p. (MIRA 19:1)

1. Rukovoditel' laboratorii konstruksiy zemlyanogo polotna Vsesoyuznogo nauchno-issledovatel'skogo instituta transportnogo stroitel'stva (for Viktorov).

SOLOV'YEVA, T.V.

Determination of diethyl-p-phenyldiamine and its sulfate salts in  
air. Gig. sanit., Moskva no. 1:47-48 Jan 1953. (CIAM 24:2)

1. Of the Laboratory of Moscow Sanitary Epidemiological Station.

PAVLOVICH, G.A.; OSHCHENKOVA, A.P.; SOLOV'YEVA, T.V.

Rapid method for determining free sulfuric acid in mine waters.  
Nauch. trudy PermNIUI no.5:103-106 '63. (MIRA 18:3)

SOLOV'YEVA, T.Ya.; BAZAROVA, V.I.

Using the paper chromatography method for investigating  
the sugars of buckwheat and linden honey. Izv. vys. ucheb.  
zav.; pishch. tekhn. no.6:139-140 '63. (MIRA 17:3)

1. Leningradskiy institut sovetskoy trgovli imeni F.  
Engel'sa, kafedra toverovedeniya prodovol'stvennykh tovarov.

SOLOV'YEVA, T.Ya.

Antimicrobial and amylase activity of light and dark honey.

Vop. pit. 23 no.2:85-86 Mr-Apr '64.

(MIRA 17:10)

1. Kafedra tovarovedeniya prodovol'stvennykh tovarov (rukovoditel'  
- prof. F.V. Khetagurova) Instituta sovetskoy trgovli imeni Engel'sa,  
Leningrad.

BAZAROVA, V.I.; SOLOV'YEVA, T.Ya.; GRIMM, A.I.

Study of oligosaccharides in some plants. Ukr. biokhim. zhur.  
36 no.5:735-738 '64. (MIRA 18:6)

1. Kafedra tovarovedeniya prodovol'stvennykh tovarov Leningrad-  
skogo instituta sovetskoy trgovli im. F. Engel'sa.

PODCHARENKO, A.A.; LITVINENKO, S.P.; SOLOV'YEVA, T.Ye.; CHUCHUPAK, V.D.

Chemiluminescence method for investigating the mixing and flow  
of fluids. Dop. ta pov. L'viv. un. no.5 pt.2:88-89 '85.  
(MIRA 9:10)

(Luminescence) (Hydrodynamics)

PONOMARENKO, A.A.; LITVINENKO, S.P.; SOLOV'YEV, T.Ye.; CHUCHUPAK, V.D.

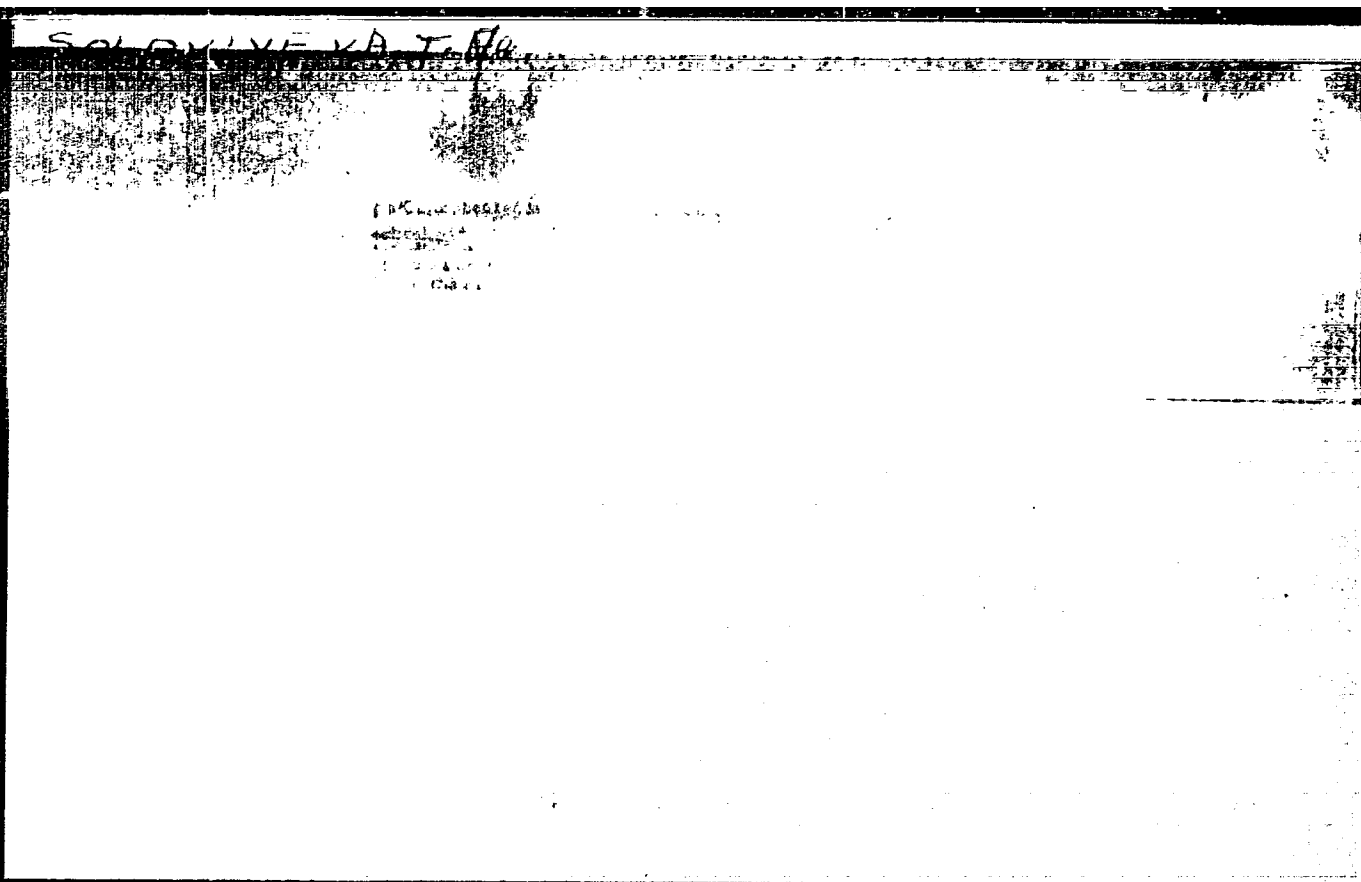
Chemiluminescence method for investigating the mixing and flow of  
liquids. Zav.lab.22 no.7:832-833 '56. (MLRA 9:12)  
(Fluid dynamics) (Luminescence)



SOLOV'YEVA, T.Ya.; BAZAROVA, V.I.

Free amino acid content in some varieties of honey originating  
from a single type of flower. Vop. pit. 22 no.6:69-70 N-D '63.  
(MIRA 17:7)

1. Iz Leningradskogo instituta sovetskoy torgovii imeni F. Engel'sa.



SOLOV'IEVA, V. A.

25906 Solov'eva, V. A. Onauchnykh Planakh Tuberkuleznykh Institutov.  
Na 1948 G. (Po Materialam Soveshchaniya Direktorov Tubinstitutov 29  
Dek. 1947 G) Byulleten' In-Ta Tuberkuleza Akad. Med. Nauk  
S. S. S. R, 1948, No. 1, S. 48-50

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

SOLOV'YEVA, V. A.

"Notes on Silico-Tuberculosis," Vest. Ak. Med. Nauk SSSR, No. 6, 1948. Cand. Med. Sci.

СКОРНИЦА, В. А.

34193. Скорниця, В. А. Доклады и итоги научного исследования по туберкулезу 1959 г. Доклады в-ла туберкулеза akad. med. nauk SSSR, 1959, № 2, с. 40-54.

В: Медицинская литература № 6, 1959

SOLOV'YEVA, V.A.

Treatment of silicotuberculosis. Probl. tuberk., Moskva No. 1:63-66  
(CML 21:5)  
Jan-Feb 52.

1. Of the Institute of Tuberculosis of the Academy of Medical Sciences  
USSR (Director—Z.A. Lebedeva; Scientific Supervisor—Prof. A.Ye.  
Rabukhin). 2. Streptomycin therapy.

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Acquisition of the Institute of Liberalism of the Academy of Sciences of the  
U.S.S.R. Probl. 15.3, 1951.

9. Monthly List of Russian Accessions, Library of Congress, November 1953, Uncl.

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STRAW, F. A.

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Notes on determining the resistance of *Mycobacterium tuberculosis* to antibiotics.  
Probl. tub. B. 3, 1974.

9. Monthly List of Russian Accessions, Library of Congress, November 1957, Uncl.  
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SOLOV'YEVA, V.A.

Scientific Session of the Tuberculosis Institute of the  
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no.12:36-37 D '53.

(MLBA 6:12)

(Tuberculosis)

SOLOV'YEVA, V.A.

"Problems of localization and organopathology in the light of the  
teachings of Sechenov, Pavlov and Vvedenskii." I.V.Davydovskii.

Reviewed by V.A.Solov'eva. Probl.tub. no.2:75-78 Mr-Apr '55.

(TUBERCULOSIS)

(MLRA 8:6)

(DAVYDOVSKII, I.V.)

BOYARSHINOVA, M.S., kandidat meditsinskikh nauk; SOLOV'YEV, V.A., kandidat meditsinskikh nauk

17-ketosteroids and their clinical significance in tuberculosis.  
Sov.probl.tub. 6 no.1:3-8 '55. (MLRA 8:7)

(TUBERCULOSIS, urine in,

17-ketosteroids)

(STEROIDS, in urine,

17-keto, in tuberc.)

(URINE,

17-ketosteroids, in tuberc.)

SOLOV'YEVA, V.A.; SAVON, A.A.

Nighth scientific session of the Sverdlovsk Province Scientific  
Research Institute of Tuberculosis. V.A. Solov'eva, A.A. Savon.  
Probl. tub. no.6:67-68 N-D '55. (MLRA 9:2)

(TUBERCULOSIS)

SOLOV'YEVA, V.A.

Treatment of silicotuberculosis [with summary in French]. Probl.  
tub. 35 no.4:62-67 '57. (MIRA 10:8)

1. Iz Instituta tuberkuleza Akademii meditsinskikh nauk SSSR  
(dir. Z.A.Lebedeva)

(SILICOSIS, ther.

isoniazid, PAS & streptomycin in silicotuberc. (Rus))

(STREPTOMYCIN, ther. use

silicotuberc., with isoniazid & PAS (Rus))

(ISONIAZID, ther. use

silicotuberc., with PAS & streptomycin (Rus))

(PARA-AMINOSALICYLIC ACID, ther. use

silicotuberc., with isoniazid & streptomycin (Rus))

SOLOV'YANVA, V.A.

The role of the Tuberculosis Institute of the Academy of Medical  
Sciences of the U.S.S.R. in coordination of tuberculosis research.  
Vest. AMN SSSR 13 no.1:69-71 '58. (MIRA 11:2)  
(TUBERCULOSIS  
research in Russia)

SOLOV'YEVA, V.A., kand.med.nauk

Problems of research work in tuberculosis in 1959. Vest.AMN  
SSSR 13 no.10:64-68 '58 (MIRA 11:10)  
(TUBERCULOSIS,  
research planning in Russia (Rus))

SOLOV'YEVA, V.A.; KHUDUSHINA, T.A.; MAKAREVICH, N.M.; AVERBAKH, M.M.  
(Moskva)

Effect of radiation on experimental tuberculosis. Med.rad. 4  
no.2:79 F '59. (MIRA 12:4)

(ROENTGEN RAYS, effects,  
on exper. tuberc. (Rus))  
(TUBERCULOSIS, experimental,  
eff. of x-rays (Rus))



SOLOV'YEVA, V.A., kand.med.nauk

Histogenous processes in the lungs in silicosis. Bor'ba s sil.  
4:109-116 '59. (MIRA 12:11)

1. Institut tuberkuleza AMN SSSR.  
(LUNGS--DUST DISEASES)  
(TISSUES)

POLYANSKIY, Yu.I.; SOLOV'Yeva, V.A.

Parasitic infusorians in the stomach of the goral. Vest.LGU 14  
no.15:134-137 '59. (MIRA 14:4)  
(Goral) (Stomach—Microbiology) (Infusoria)

SOLOV'YEVA, V.A.; KHUDUSHINA, T.A.; MAKAROVICH, N.M.; AVERBAKH, M.M.

Effect of radiation energy on the course of experimental tuberculous processes. Probl.tub. 37 no.3:87-92 '59.

(MIRA 12:6)

1. Iz Instituta tuberkuleza AMN SSSR (dir.Z.A.Lehedeva).

(TUBERCULOSIS, exper

eff. of x-rays (Rus))

(ROENTGEN RAYS, effects,

on exper. tuberc. (Rus))

SOLOV'YEVA, V.A.

Board of directors of the tuberculosis institutes. Probl.tub. 37  
no.7:110-111 '59. (MIRA 13:4)  
(TUBERCULOSIS)

SOLOV'YEVA, V. A., Doc Med Sci -- (diss) "Silico-tuberculosis in a clinical and experimental elucidation." Moscow, 1960. 15 pp; Academy of Medical Sciences USSR, Inst of Tuberculosis); 225 copies; price not given; list of author's works at end of text (12 entries); (KL, 18-60, 155)

SOLOV'YEV, V.A.; KHUDUSHINA, T.A.

Effect of antibacterial preparations in the treatment of experimental tuberculosis under the influence of radiation. Probl.tub. 38 no.6:98-104 '60. (MIRA 13:11)

1. Iz Instituta tuberkuleza AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N.A. Simelev).  
(TUBERCULOSIS) (PHYSIOLOGICAL EFFECT)

SOKOLOV, V.V.; SOLOV'YEVA, V.A.; GRIBOVA, I.A. (Moskva)

Comparative characteristics of myeloid hemopoiesis in the initial  
forms of the chronic action X-rays and benzene intoxication. Med.  
rad. 7 no.7:92-93 J1 '62. (MIRA 15:11)

(MARROW) (~~BENZENE~~-TOXICOLOGY)  
(X RAYS-PHYSIOLOGICAL EFFECT) (HEMOPOIETIC SYSTEM)

SOLOVYEVA, V. D.

USSR/ Chemistry - Metallurgy

Card 1/1 Pub. 123 - 6/11

Authors : Avetisyan, Kh. K.; Onayev, I. A.; Fenzimonzh, I. I.; and Solovyeva, V. D.

Title : Study of the melting processes of cupric concentrates in high Si-slag

Periodical : Vest. AN Kaz. SSR 2, 57 - 65, Feb 1955

Abstract : The melting processes of cupric concentrates and their physical properties at high temperatures were investigated with the perspective of adapting the electrochemical methods in metallurgy. The results indicate that the melting concentrates and ores and the derivation of high Si-slugs ( $\text{SiO}_2 > 54\%$ ) is possible only by electric smelting. The flux consumption in this case can be reduced to a minimum and the final results are highly satisfactory. It was established that the melting point of high Si-slugs depends upon the  $\text{SiO}_2$  and  $\text{CaO}$  contents in the concentrate. Four USSR references (1937 - 1947). Tables; graphs; drawing.

Institution: .....



MILENT'YEVA, V.I.; SOLOV'YEVA, V.D.

The agglomeration of lead concentrates; some properties of lead  
silicates. Vest.AN Kazakh.SSR 12 no.7:98-106 J1 '56. (MLRA 9:9)

1. Predstavlena akademikom AN KazSSR V.I. Smirnevym.  
(Lead silicates) (Lead)

SOV/137-58-12-23946

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 6 (USSR)

AUTHORS: Polyvyanny, I. R., Monich, V. K., Solov'yeva, V. D., Petrovskaya, N. M.

TITLE: A Contribution to the Problem of Sulfur Compounds and the Phase Composition of Lead Sinters (K voprosu o soyedineniyakh sery i fazovom sostave svintsovykh aglomeratov)

PERIODICAL: Izv. AN KazSSR. Ser. gorn. dela, metallurgii, str-va i stroymaterialov, 1957, Nr 5(16), pp 80-85

ABSTRACT: The methods of chemical mineralogy are used to investigate Chimkent Lead-plant sinter with the purpose of studying the question of S compounds and the phase composition thereof. In the course of sintering the bulk of the sulfides become Pb and Zn silicates, ferrites of the plumboferrite and magnetoplumbite type, and more complex systems yielding Pb-Zn-lime-iron glass. Also observed is a considerable number of inclusions, representing the residual grains of concentrates and fluxes: Limestone, quartz, barite, feldspars, galena, and, more rarely, sphalerite and bornite. S is present in the sinter

Card 1/2

SOV/137-58-12-23946

A Contribution to the Problem of Sulfur Compounds and the Phase (Cont.)

in 2 forms: The sulfide, owing to the presence of various residual sulfide grains (primarily galena) and exceedingly fine precipitations of secondary sulfides (of Zn and, more rarely, of Pb and Cu), and the sulfate in the form of fragmental minerals (barite) and newly-formed sulfates (anhydrite, gypsum, semihydrates, Ca sulfate and plumbojarosite).

L. P.

Card 2/2

SOV/137-58-9-18439

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 36 (USSR)

AUTHORS: Polyvyanny, I. R., Solov'yeva, V. D., Vladimirov, V. P.

TITLE: Investigation of the Rate of Interaction of Sulfides of Lead and Zinc with Silicates and Ferrites of Lead and Silicate of Iron  
(Issledovaniye skorosti vzaimodeystviya sul'fidov svintsa i tskinka s silikatami i ferritami svintsa i silikatom zheleza)

PERIODICAL: Izv. AN KazSSR, Ser. gorn. dela, metallurgii, str-va i stroymaterialov, 1957, Nr 5 (16), pp 86-103

ABSTRACT: The reactions of PbS and ZnS with  $PbO \cdot SiO_2$ ,  $2PbO \cdot SiO_2$ ,  $PbO \cdot Fe_2O_3$ , and  $FeO \cdot SiO_2$  were investigated in the 600 - 1200°C temperature range in a current of  $N_2$ . It is demonstrated that with an increase in temperature to 1050° the reactions are speeded up. The curves of the rate of these reactions have a clearly expressed maximum. The interaction of PbS and ZnS with the monosilicate proceeds more completely and the rate of the summary reaction is higher than that with the bisilicate. An increase in temperature to 1200° reduces the rate of the reaction owing to a considerable volatilization of sulfides and a partial sintering of the material. In the case of the

Card 1/2

SOV/137-58-9-18439

## Investigation of the Rate of Interaction of Sulfides (cont.)

interaction of Pb silicates with PbS, the main products of the reaction are Pb,  $\text{SiO}_2$ , and  $\text{SO}_2$ . The interaction of Pb silicates and ZnS proceeds according to the reaction of double decomposition (exchange reaction) with the formation of Zn silicates and PbS. The rate of the interaction of PbS with Pb ferrite is higher than with its silicates. At  $1000^\circ$  the reaction is 99% complete in 60 min. The reaction of ZnS with  $\text{PbO} \cdot \text{Fe}_2\text{O}_3$  at the maximum temperature is only 30% complete. The rate of reaction of PbS with fayalite is very low. In one hour at  $1200^\circ$  the reaction is only 8.4% complete. There is practically no reaction between ZnS with  $\text{FeO} \cdot \text{SiO}_2$ . The low rates of the reactions indicated point to the fact that they have no decisive value in a sintering roasting.

G. F.

1. Lead sulfide---Chemical reactions
2. Zinc sulfide---Chemical reactions
3. Iron silicates---Chemical reactions
4. Lead silicates---Chemical reactions

Card 2/2

SOLOV'YEVA, V.D.; POLYVYANNYY, I.R.

Kinetics of the reduction of metal oxides. Izv.AN Kazakh.SSR.  
Ser.met.,obog.i ogneup. no.2:43-55 '58. (MIRA 16:2)  
(Nonferrous metals—Metallurgy)

S/137/62/000/006/062/163  
A052/A101

AUTHORS: Polyvyanny, I. R., Demchenko, I. S., Solovyeva, V. D.

TITLE: On the problem of combined metal recovery from the products of lead industry

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 23 - 24, abstract 6G184 ("Izv. AN KazSSR. Ser. metallurgii, olegashch. i ogneporov", no. 3 (12), 1961, 20 - 26, Kazakh summary)

TEXT: A combined pyrohydrometallurgical method of processing powders of shaft lead furnaces is proposed and investigated. The method consists of smelting in an electric furnace at 1,000 - 1,150°C a mixture of powder  $\text{Na}_2\text{SO}_4$  and a reducing agent so that crude Pb, thio salts and sublimates are produced. The thio salts contain Te, In, Se, Zn, As, Cu and  $\text{N}_2\text{S}$ ; they are utilized for refining Pb and then are processed hydraulically.

A. Tseydler

[Abstracter's note: Complete translation]

Card 1/1

SOLOV'YEVA, V.D.; POLYVYANNYY, I.R.

Smelting the dusts from shaft furnaces in lead plants with sodium sulfate. Trudy Inst. met. i obog. AN Kazakh. SSR 6:106-117 '63.

Hydromethallurgical treatment of fused thio salts and cadmium sublimates from the smelting of shaft furnace dusts with sodium sulfate. 130-137 (MIRA 16:10)



SOLOV'YEVA, V.D.; PONOMAREVA, Ye.I.; PONOMAREV, V.D.

Rate of simultaneous dissolving of lead and zinc oxides in caustic  
soda solutions. Izv. AN Kazakh. SSR. Ser.tekh. 1 khim.nauk no.3:56-  
64. '64. (MIRA 17:2)

POLYVYANNYY, I.R.; MALKIN, Ya.Z.; PONOMAREV, V.D.; SOLOV'YEVA, V.D.;  
SECHIN, A.F.; DEMCHENKO, R.S.

Leaching arsenic from arsenic dust by sodium sulfide solutions.  
Trudy Inst.met.1 obog. AN Kazakh.SSR 11:90-100 '64.

(MIRA 18:4)

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Abstr Jour : Ref Zhur - Biol., No 8, 1958, No 35607

Author : Smirnova A.I., Selev'yeva V.F., Tsvetkova L.I., Remashova I.B.  
Inst : Not Given  
Title : The Content of Carotene in the Feedstuffs of the Yaroslavl Oblast'

Orig Pub : Sb. stud. robot. Yaroslavl. s.-kh. in-ta, 1956, vyp. 1,  
102-105

Abstract : The results of the analysis of the most widely spread feed-stuffs in the Oblast' are given. The highest content of carotene was found in the green leaves of oats and in pine needles; the carotene content of dried nettle was 18 times higher than that of clover.

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